



## Proton Source Department

# *Linac Klystron Status*

Linac #1	Linac #2	Linac #3	Linac #4	Linac #5	Linac #6	Linac #7
#005 51,000 hrs	#004 49,000 hrs	#006 34,000 hrs	#009 42,000 hrs	#007 52,000 hrs	#010 48,000 hrs	#015 34,000 hrs
Linac Holding Stand	Linac Holding Stand	Linac Spare Socket	Linac Holding Stand			
#014 500 hrs	#001 25,000 hrs	#003 800 hrs	#011 12,000 hrs	Not pulsed in 4 years		
Linac Test Stand	Litton	Litton	Shipping Crate			
#002 200 hrs	#008 3,000 hrs	#013 0 hrs	#012 0 hrs			
Received rebuilt February '99 Tested OK at FNAL	Test Stand Failure due May 99??	Vacuum Failure due August 99??	Vacuum Failure awaiting shipment			

Note: Klystron #2 is first to have completed repair/test/return cycle

~5/3/1999



## Proton Source Department

# *Linac Klystron Status*

**Linac #1**

#005  
53,000 hrs

**Linac #2**

#004  
51,000 hrs

**Linac #3**

#006  
36,000 hrs

**Linac #4**

#009  
44,000 hrs

**Linac #5**

#007  
54,000 hrs

**Linac #6**

#010  
50,000 hrs

**Linac #7**

#015  
36,000 hrs

**Linac Holding Stand**

#014  
500 hrs

**Linac Holding Stand**

#001  
25,000 hrs

**Linac Spare Socket?**

#003  
800 hrs

**Linac Holding Stand**

#011  
12,000 hrs

Not pulsed in 4 years

**Linac Test Stand?**

#002  
200 hrs

**Litton**

#008  
3,000 hrs

**In Transit**

#013  
0 hrs

**Litton**

#012  
0 hrs

Received rebuilt February '99  
Tested OK at FNAL

**Test Stand Failure**  
due May 99??

Rebuilt July '99  
awaiting test at FNAL

**Vacuum Failure**  
awaiting repair

Note: Klystrons #2 and #13 have completed repair/test/return cycle

~7/14/1999



## Proton Source Department

# *Linac Klystron Status*

**Linac #1**

#005  
55,000 hrs

**Linac #2**

#004  
53,000 hrs

**Linac #3**

#006  
37,000 hrs

**Linac #4**

#009  
46,000 hrs

**Linac #5**

#007  
55,000 hrs

**Linac #6**

#010  
51,000 hrs

**Linac #7**

#015  
38,000 hrs

**Linac Holding Stand**

#014  
500 hrs

**Lab G**

#001  
25,000 hrs

**Linac Holding Stand**

#003  
800 hrs

**Linac Test Stand**

#011  
12,000 hrs

**Linac Holding Stand**

#002  
200 hrs

**Litton**

#008  
3,000 hrs

**Litton**

#013  
0 hrs

**Litton**

#012  
0 hrs

Received rebuilt February '99  
Tested OK at FNAL

**Test Stand Failure**  
awaiting repair

Rebuilt July '99  
returned w/water leaks

**Vacuum Failure**  
awaiting repair

Note: Klystrons #2 and #13 have completed repair/test/return cycle, though #13 was found to have water leaks and returned.

~9/23/1999



## Proton Source Department

# *Linac Klystron Status*

### Linac #1

#005  
57,000 hrs

### Linac #2

#004  
56,000 hrs

### Linac #3

#006  
40,000 hrs

### Linac #4

#009  
48,000 hrs

### Linac #5

#007  
58,000 hrs

### Linac #6

#010  
54,000 hrs

### Linac #7

#015  
40,000 hrs

### Linac Holding Stand

#014  
500 hrs

### Lab G

#001  
25,000 hrs

**Vacuum Failure**  
awaiting shipment

### Linac Holding Stand

#003  
800 hrs

### Linac Holding Stand

#011  
12,000 hrs

### Linac Holding Stand

#002  
200 hrs

Received rebuilt February '99  
Tested OK at FNAL

### Litton

#008  
3,000 hrs

**Test Stand Failure**  
awaiting repair

### Linac Test Stand

#013  
0 hrs

Received rebuilt Dec '99  
awaiting test at FNAL

### Litton

#012  
0 hrs

**Vacuum Failure**  
awaiting repair

Note: Klystrons #2 and #13 have completed repair/test/return cycle, #13 is being prepared for test stand check-out.

~2/2/2000



## Proton Source Department

# *Linac Klystron Status*

<b>Linac #1</b> #002 2,000 hrs	<b>Linac #2</b> #004 62,000 hrs	<b>Linac #3</b> #006 46,000 hrs	<b>Linac #4</b> #009 54,000 hrs	<b>Linac #5</b> #007 64,000 hrs	<b>Linac #6</b> #013 2,300 hrs	<b>Linac #7</b> #015 46,000 hrs
<b>Linac Test Stand</b> #014 500 hrs	<b>Lab G</b> #011 13,500 hrs	<b>Linac Holding Stand</b> #003 800 hrs	<b>Linac Holding Stand</b> #010 57,400 hrs Removed from K6 8/00 w/ filament circuit problems			
<b>To be shipped to Litton</b> #005 63,000 hrs Failed in K1 10/00	<b>Litton</b> #008 3,000 hrs <b>Test Stand Failure</b> 11/00 promise date	<b>Litton</b> #001 25,00 hrs Lab G vacuum problems 2/01 promise date	<b>Litton</b> #012 0 hrs <b>Vacuum Failure</b> 12/00 promise date			

Note: Klystrons #2 and #13 have completed repair/test/return cycle.

~10/31/2000